ELSEVIER

Journal of Neurological Sciences 151 (1997) 241–242

JOURNAL OF THE
NEUROLOGICAL
SCIENCES

Contents of Volume 151

Number 1 – 3 October 1997

Basic Section

Research articles

Synapse alteration in hippocampal CA3 field following entorhinal cortex lesion
A. Ueki, C. Miwa, H. Shinjo, M. Kokai, Y. Morita (Japan) 1

S100β prevents the death of motor neurons in newborn rats after sciatic nerve section
Y. Iwasaki, T. Shiojima, M. Kinoshita (Japan) 7

Schwann cell extracellular matrix protein production is modulated by *Mycobacterium leprae* and macrophage secretory products
N. Singh, T.J. Birdi, S. Chandrashekar, N.H. Antia (India) 13

Clinical Section

Research articles

Chorea-acanthocytosis with polyclonal antibodies to ganglioside GM1
M. Hirayama, T. Hamano, M. Shiratori, T. Mutoh, T. Kumano, T. Aita, M. Kuriyama (Japan) 23

Congenital muscular dystrophy with partial deficiency of merosin
N. Tachi, S. Kamimura, K. Ohya, S. Chiba, K. Sasaki (Japan) 25

A longitudinal study of circulating lymphocyte subsets in the peripheral blood during the acute stage of Guillain-Barré syndrome
E. Sindern, C. Oreja-Guevara, M. Raulf-Heimsoth, X. Baur, J.P. Malin (Germany) 29

Plasma superoxide dismutase and glutathione peroxidase activity in sporadic amyotrophic lateral sclerosis
R. Moumen, A. Nouvelot, D. Duval, B. Lechevalier, F. Viader (France) 35

Identification and characterization of an anti-glial fibrillary acidic protein antibody with a unique specificity in a demented patient with an autoimmune disorder
K. Ishida, K. Kaneko, T. Kubota, Y. Itoh, T. Miyatake, M. Matsushita, M. Yamada (Japan) 41

Altered tumor growth factor β mRNA expression is associated with thymectomy-related clinical remission in myasthenia gravis
R. Weissert, A. Melms, H. Link (Germany, Sweden) 49

Progressive dystonia with optic atrophy in a Jewish–Iraqi family
I. Korn-Lubetzki, A. Blumenfeld, J.M. Gomori, D. Soffer, I. Steiner (Israel) 57

Autosomal dominant spastic paraplegia linked to chromosome 2p: clinical and genetic studies of a large Japanese pedigree
T. Matsuura, H. Sasaki, A. Wakisaka, T. Hamada, F. Moriwaka, K. Tashiro (Japan) 65

Dissociation in the neural control of single-joint and multi-joint movements in the thalamic ataxia syndrome
N. van Blercom, M. Manto, J. Jacquy, J. Hildebrand (Belgium) 71

Magnetization transfer ratio changes in a symptomatic lesion of a patient at presentation with possible multiple sclerosis
M. Filippi, G. Comi (Italy) 79

Correlation between neuromorphometry in the substantia nigra and clinical features in Parkinson's disease using disector counts
S.Y. Ma, M. Röyttä, J.O. Rinne, Y. Collan, U.K. Rinne (Finland) 83

Decrease of neurons in the medullary arcuate nucleus of multiple system atrophy: quantitative comparison with Parkinson's disease and amyotrophic lateral sclerosis
K. Noda, S. Katayama, C. Watanabe, Y. Yamamura, S. Nakamura (Japan) 89

Clinical Research

Short Reports

Serial MR findings of chronic idiopathic ataxic neuropathy
M. Waragai, Y. Takaya, M. Hayashi (Japan) 93

Successful application of pentoxifylline in the treatment of HTLV-I associated myelopathy
S. Shirabe, T. Nakamura, A. Tsujino, Y. Nishiura, T. Furuya, H. Goto, A. Suenaga, S. Nakane, T. Yoshimura, S. Nagataki (Japan) 97

Painful small-fibre multifocal mononeuropathy and local myositis following influenza B infection
K.-i. Kaida, K. Kamakura, T. Masaki, M. Okano, N. Nagata, K. Inoue (Japan) 103

Primary central nervous system leukemia with a novel chromosomal translocation
T. Hayashi, J. Onodera, H. Mochizuki, H. Onodera, K. Abe, Y. Itoyama (Japan) 107

Epileptic nystagmus in infancy
C.M. Harris, S. Boyd, K. Chong, W. Harkness, B.G.R. Neville (UK) 111

Letter to the Editor

Leber's 'plus'
I. Funakawa, A. Terao (Japan) 115

Reply to Funakawa and Terao
T. Murakami, M.D. Shuji Mita, M.D. Makoto Uchino, M.D. Kumamoto (Japan) 117

Book Review 119

Number 2 – 22 October 1997

Basic Section

Research articles

Induction of the expression of gag protein in HTLV-I infected lymphocytes by anti-ICAM 1 antibody in vitro
A. Yamamoto, H. Hara, T. Kobayashi (Japan) 121

Expression of cell adhesion molecules in normal nerves, chronic axonal neuropathies and Schwann cell tumors
P.-H. Roche, D. Figarella-Branger, L. Daniel, N. Bianco, W. Pellet, J.-F. Pellissier (France) 127

Mitochondrial mobility in differentiating muscle heterokaryons
U.A. Walker, W.F. Walker, A.F. Miranda (USA) 135

Myosin-induced autoimmune polymyositis in the rat
T. Kojima, N. Tanuma, Y. Aikawa, T. Shin, A. Sasaki, Y. Matsumoto (Japan) 141

Clinical Section

Review article

Positive and negative factors in movement control: A current review of Denny-Brown's hypothesis
J.A. Vilensky, S. Gilman (USA) 149

Research articles

Changes in the concentration of amino acids in serum and cerebrospinal fluid of patients with Parkinson's disease
J. Mally, G. Szalai, T.W. Stone (Hungary, UK) 159

Alteration of cytokine levels by fosfomycin and prednisolone in spontaneous proliferation of cultured lymphocytes from patients with HTLV-I-associated myelopathy (HAM/TSP)
Y. Yamano, K. Machigashira, S. Ijichi, K. Usuku, M. Kawabata, K. Arimura, M. Osame (Japan) 163

Analysis of single-joint rapid movements in patients with sporadic olivopontocerebellar atrophy
M. Manto, E. Godaux, J. Hildebrand, J. van Naemen, J. Jacquy (Belgium) 169

Activity levels of a β1,6 N-acetylglucosaminyltransferase in lymphomonocytes from multiple sclerosis patients
A. Orlacchio, P. Sarchielli, V. Gallai, A. Datti, C. Saccardi, C.A. Palmerini (Italy) 177

Relation of leptin and neuropeptide Y in human blood and cerebrospinal fluid
J. Dötsch, M. Adelmann, P. Englaro, A. Dötsch, J. Hänze, W.F. Blum, W. Kiess, W. Rascher (Germany) 185

IgM anti-sulfatide autoantibodies: Patterns of binding to cerebellum, dorsal root ganglion and peripheral nerve
G. Lopate, A. Pestronk, A.J. Kornberg, J. Yue, R. Choksi (USA, Australia) 189

The effect of movement frequency on cerebral activation: a positron emission tomography study
I.H. Jenkins, R.E. Passingham, D.J. Brooks (UK) 195

Rhythmic facilitation of gait training in hemiparetic stroke rehabilitation
M.H. Thaut, G.C. McIntosh, R.R. Rice (USA) 207

Severe hyponatremia as poor prognostic factor in childhood neurologic diseases
F. Al-Zahraa Omar, M. Al Bunyan (Saudi Arabia) 213

Spatial distribution of corticospinal potentials following transcranial electric and magnetic stimulation in human spinal cord
K. Kaneko, S. Kawai, T. Taguchi, Y. Fuchigami, H. Morita, A. Ofuji, H. Yonemura (Japan) 217

Short Reports

Treatable lumbosacral polyradiculitis masquerading as diabetic amyotrophy
B.J. O'Neill, A.E. Flanders, S.L. Escandon, A.J. Tahmoush (USA) 223

Prominent sensory ataxia in Guillain–Barré syndrome associated with IgG anti-GD1b antibody
E.M. Wicklein, G. Pfeiffer, N. Yuki, C. Hartard, K. Kunze (Germany, Japan) 227

Book Review 231

News and Notes 233

Author Index 235

Subject Index 239

Contents of Volume 151 241